

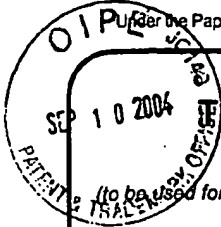
Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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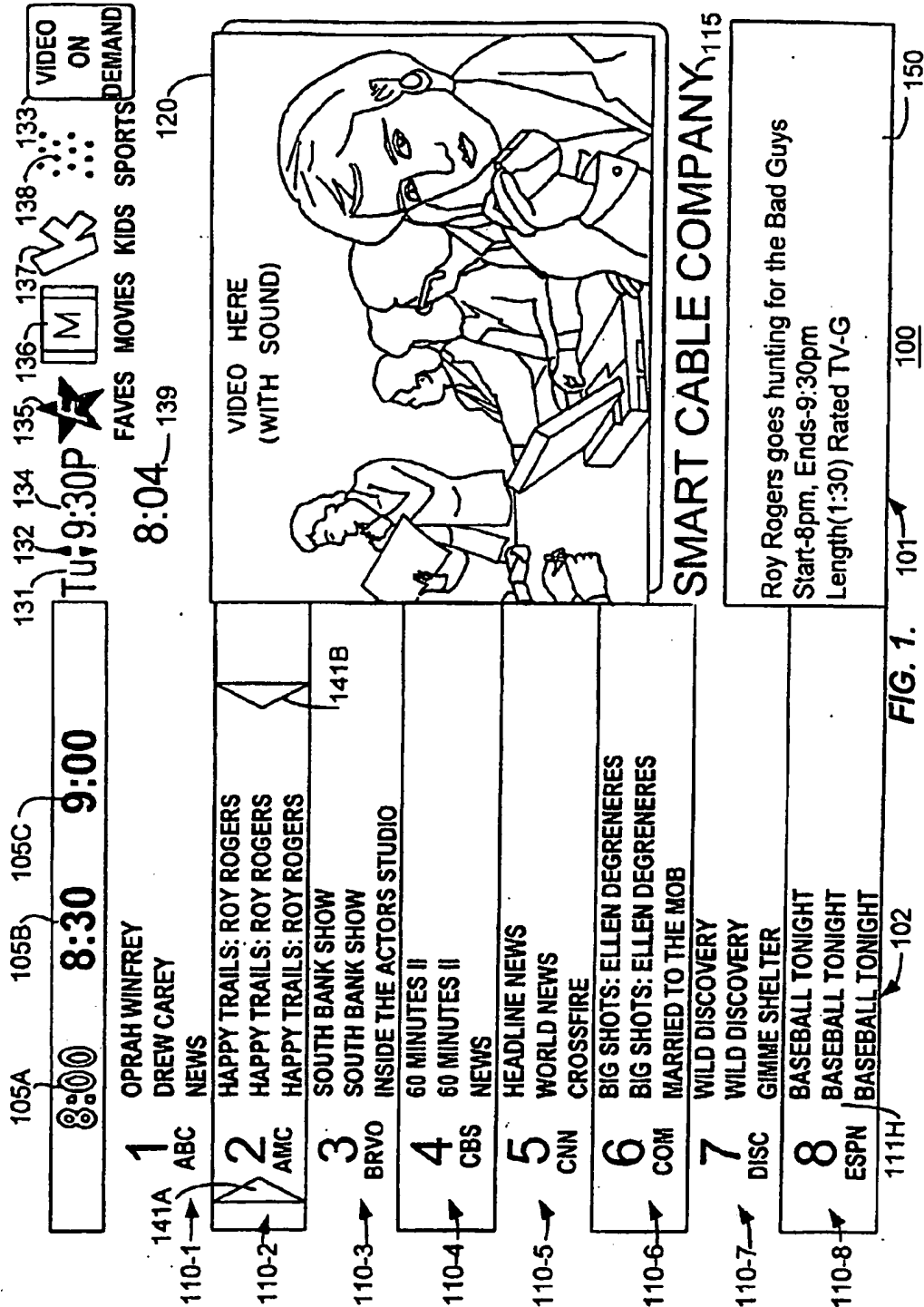


RESPONSE/ TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/458,796	
	Filing Date	12/9/99	
	First Named Inventor	Donald F. Gordon	
	Group Art Unit	2611	
	Examiner Name	Huynh, Son P.	
Total Number of Pages In This Submission	34	Attorney Docket Number	TVG/245CIP3

RESPONSE/ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> NOTICE TO FILE CORRECTED APPLICATION PAPERS (copy attached) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> Drawing(s) - 32 SHEETS <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	EAMON J. WALL
Signature	<i>EJ Wall</i>
Date	9/7/04

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 9/8/04			
Typed or printed name	LAURA E. CRATER		
Signature	<i>Laura E Crater</i>	Date	9/8/04





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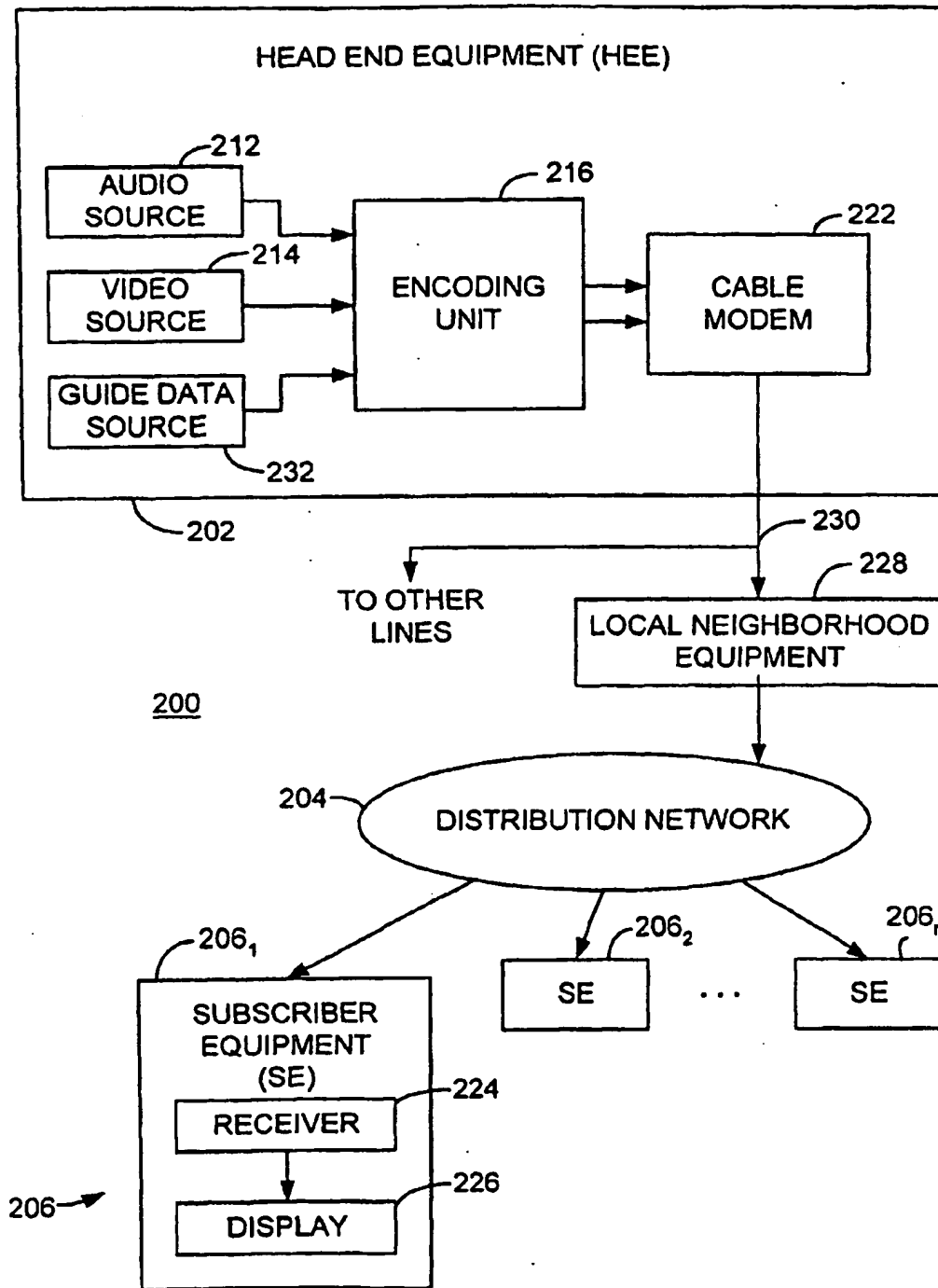


FIG. 2.



100 →	SLICE 1 (g/s1)	SLICE 1 (v/s1)
	SLICE 2 (g/s2)	SLICE 2 (v/s2)
	⋮	⋮
	SLICE N (g/sN)	SLICE N (v/sN)
	102 ↗	101 ↗

FIG. 3.



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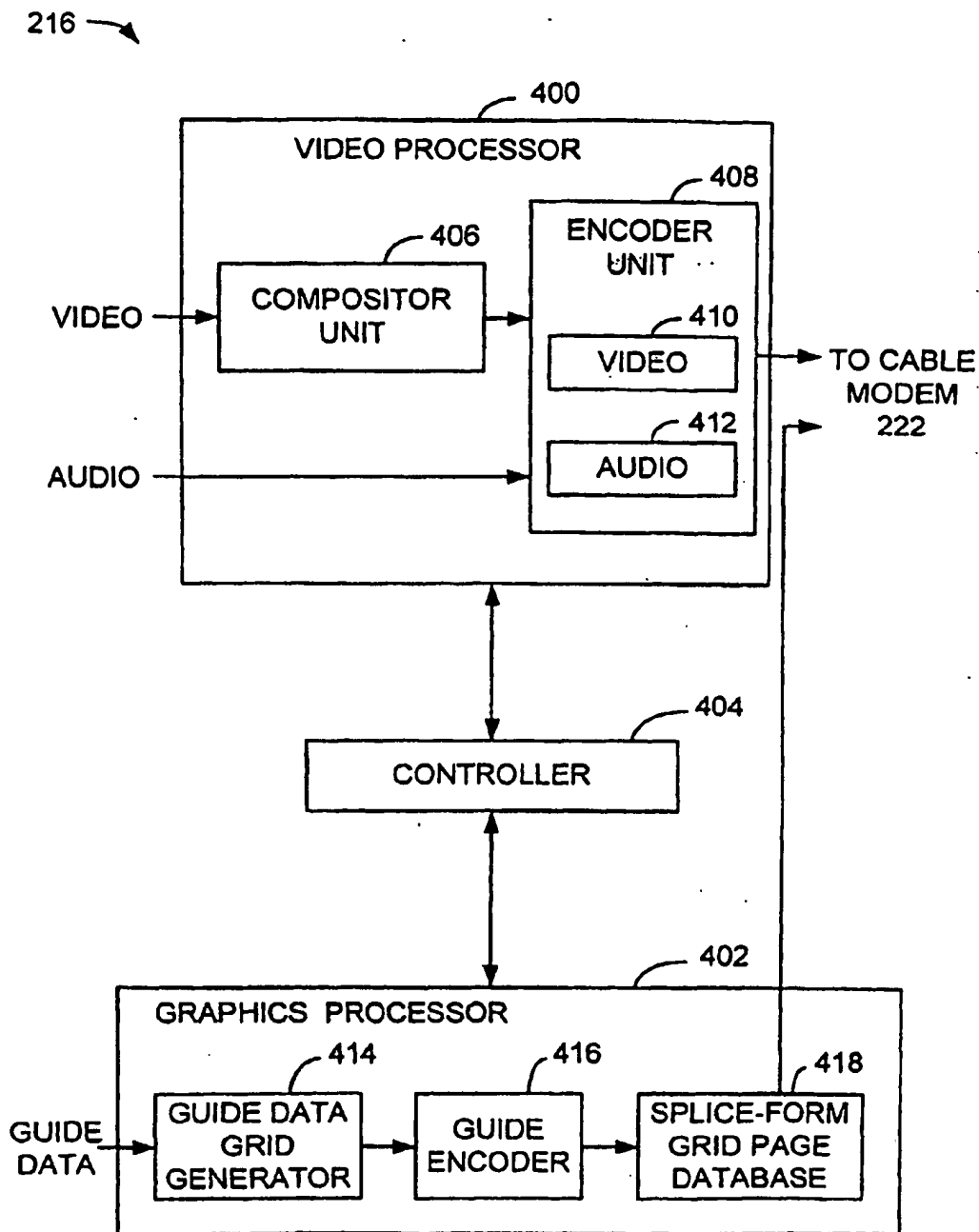


FIG. 4.



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228 →

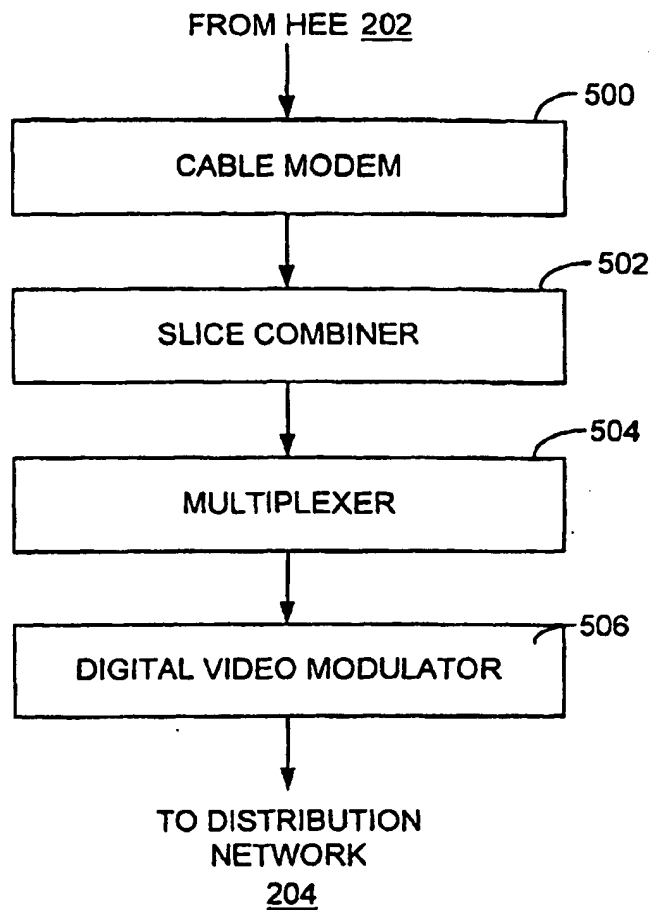


FIG. 5.

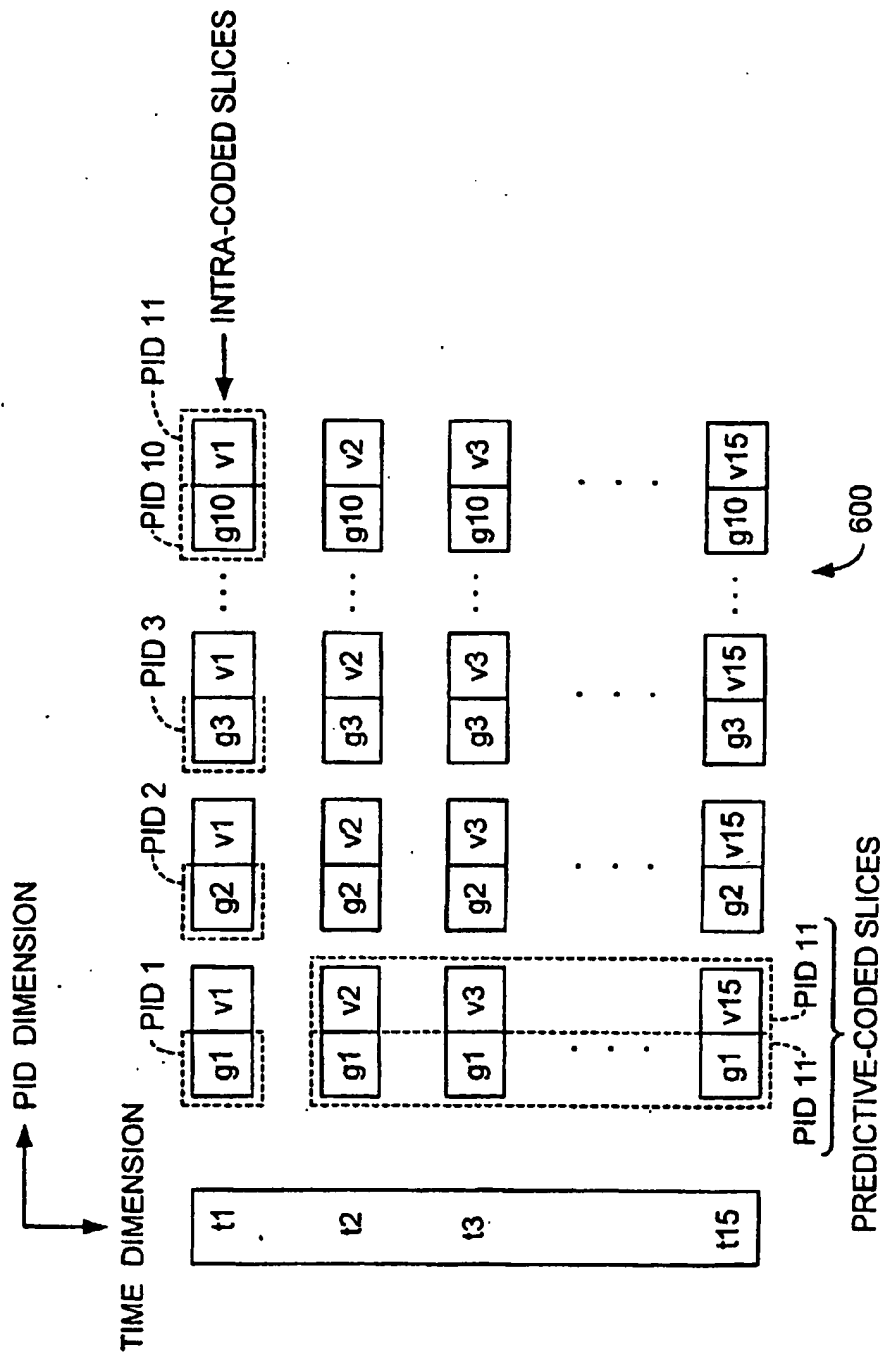
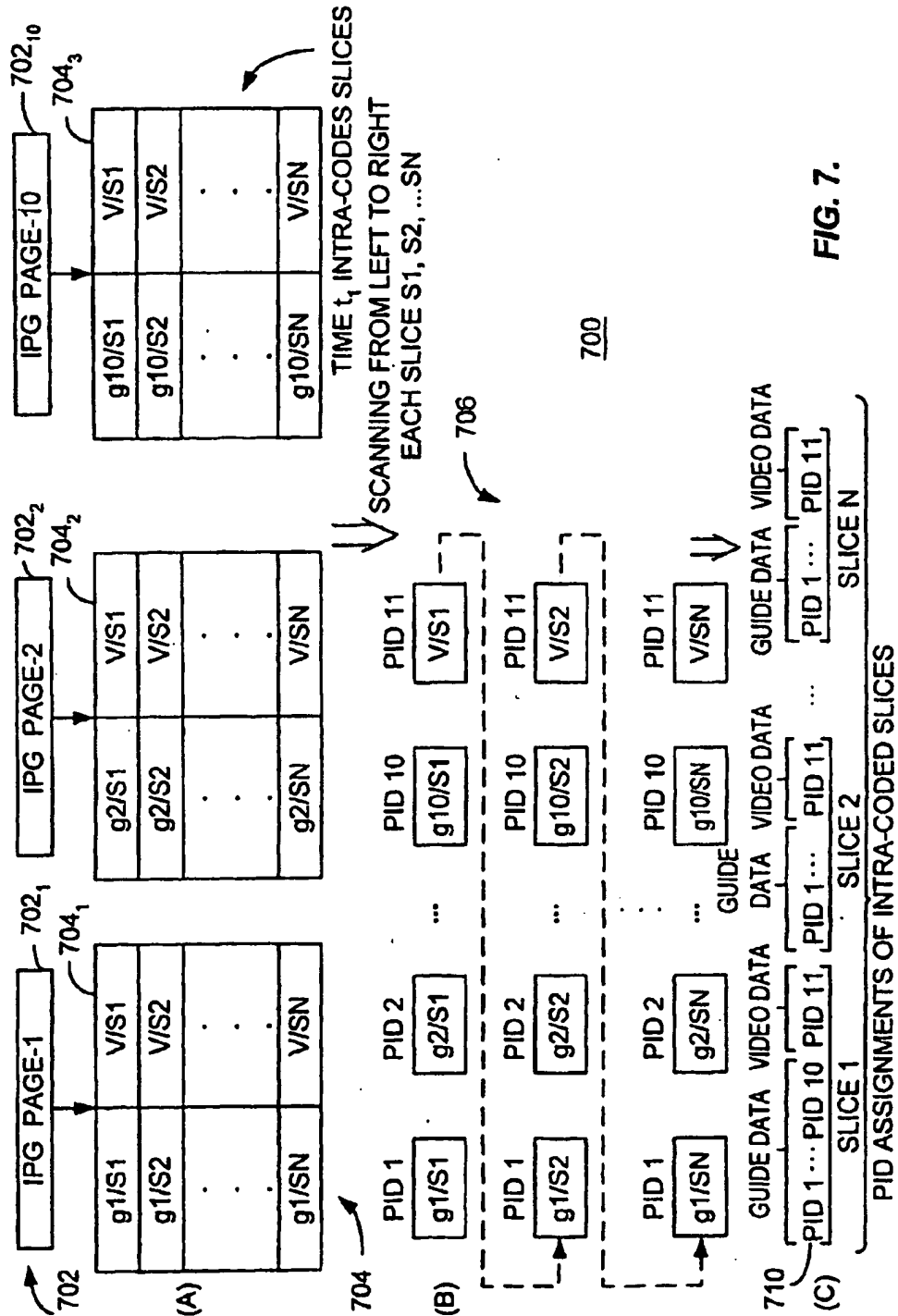


FIG. 6.



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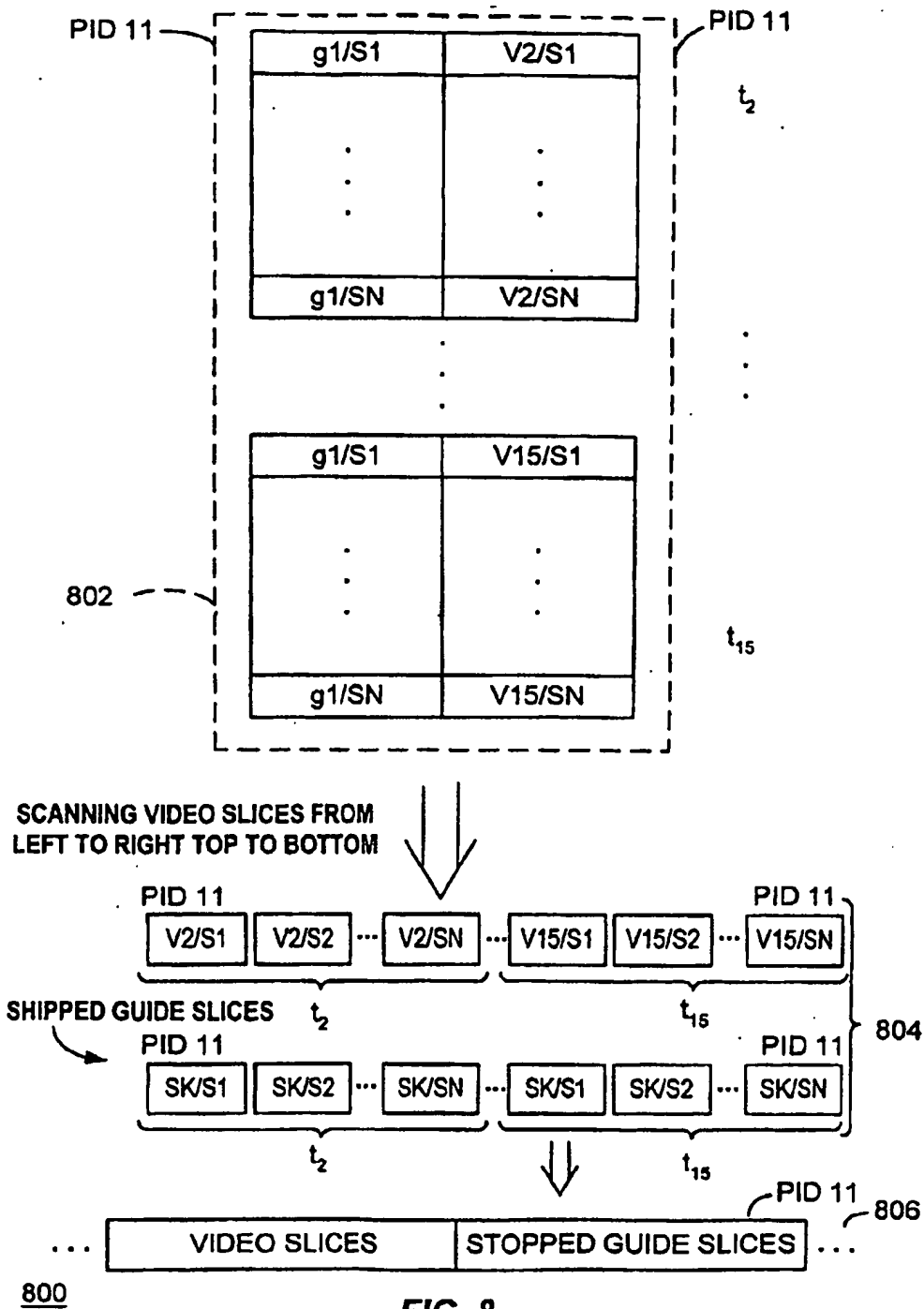


FIG. 8.



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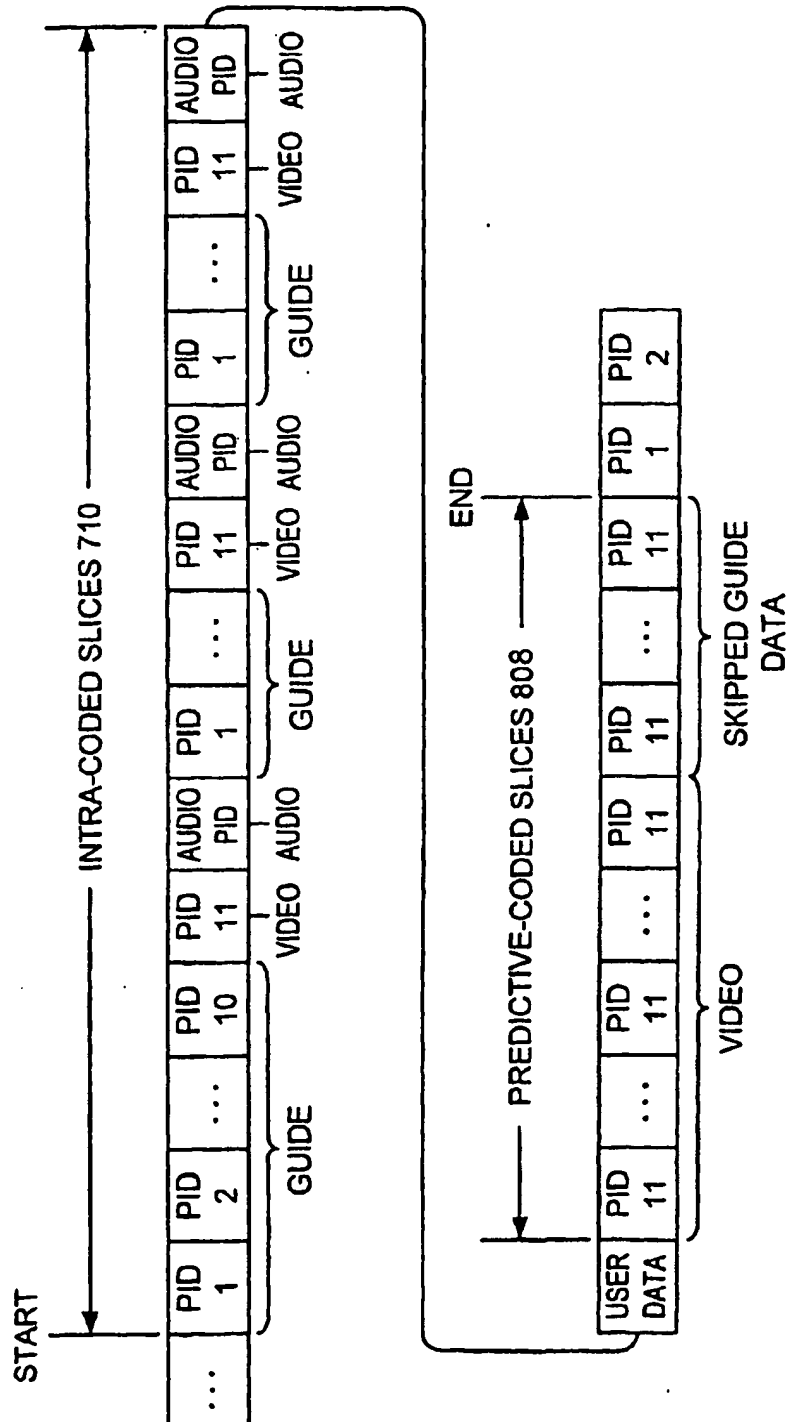


FIG. 9.



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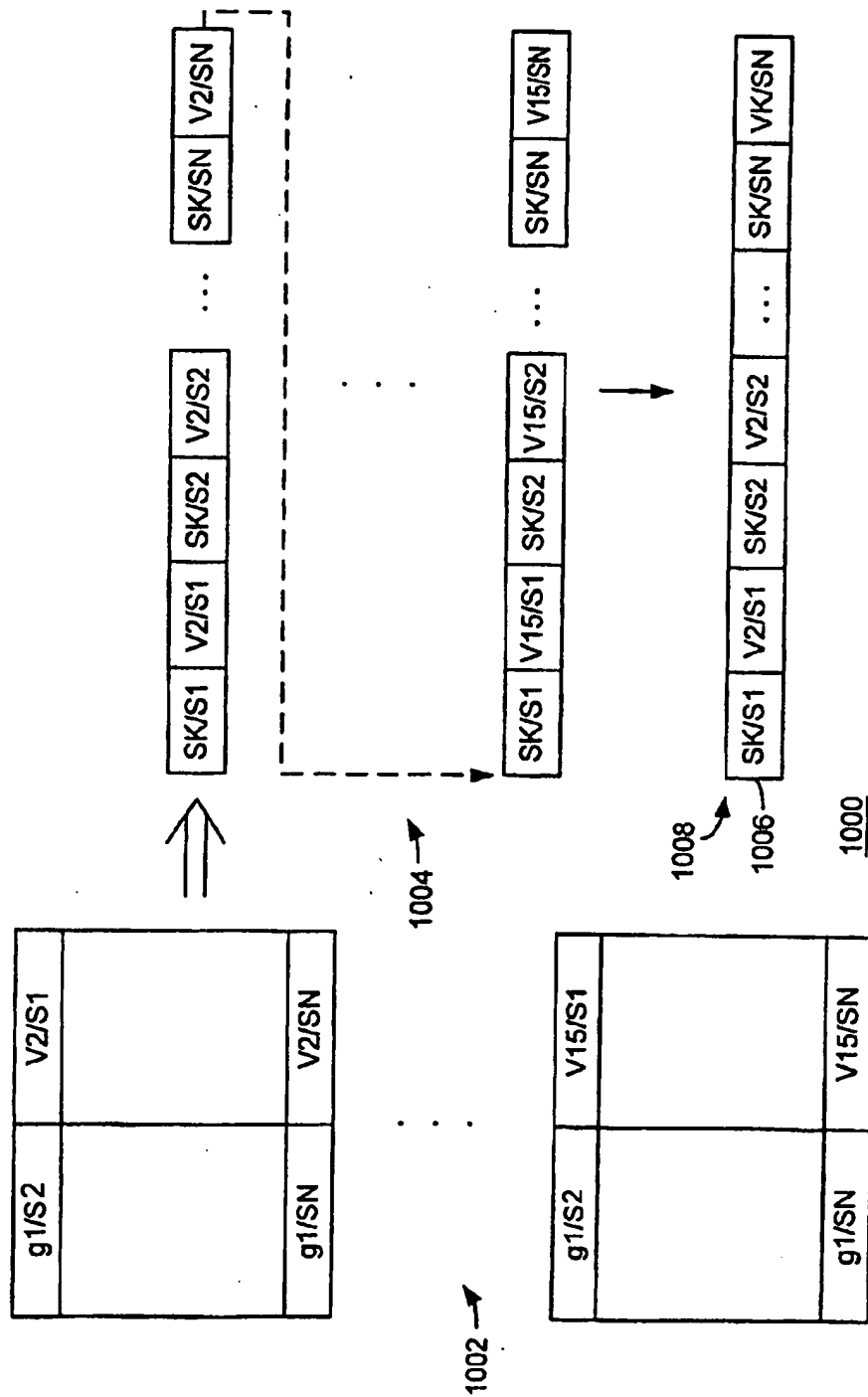


FIG. 10.



1100 →

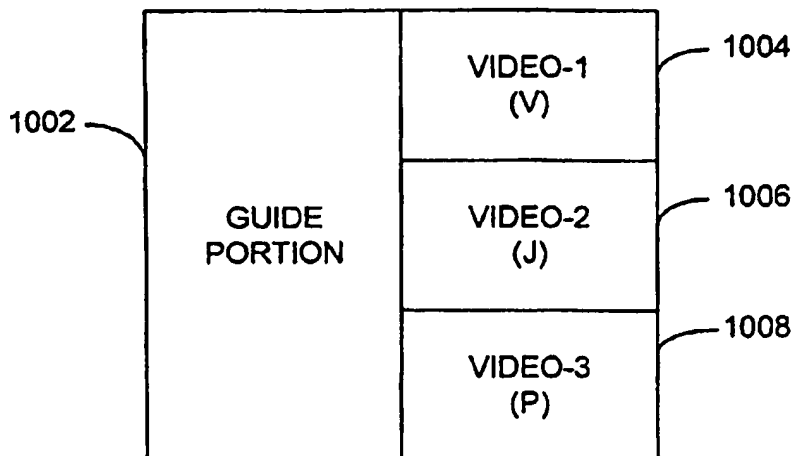


FIG. 11A.

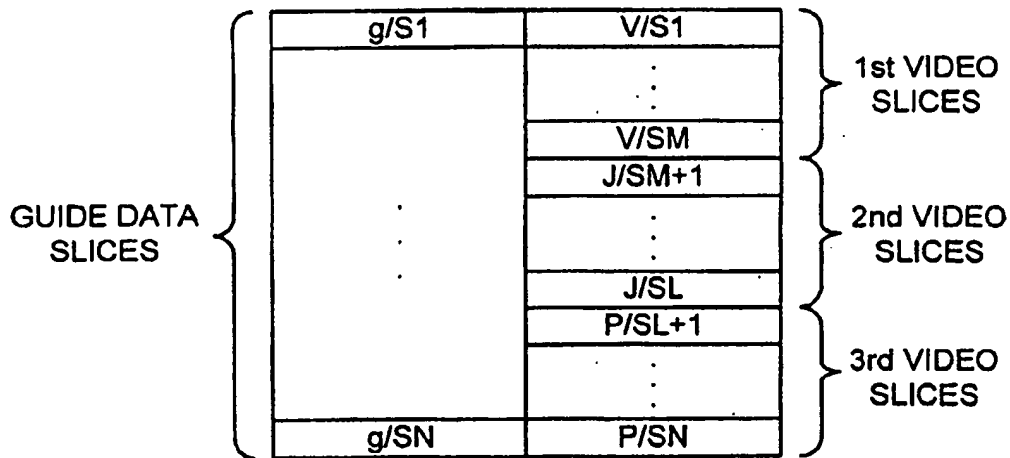


FIG. 11B.



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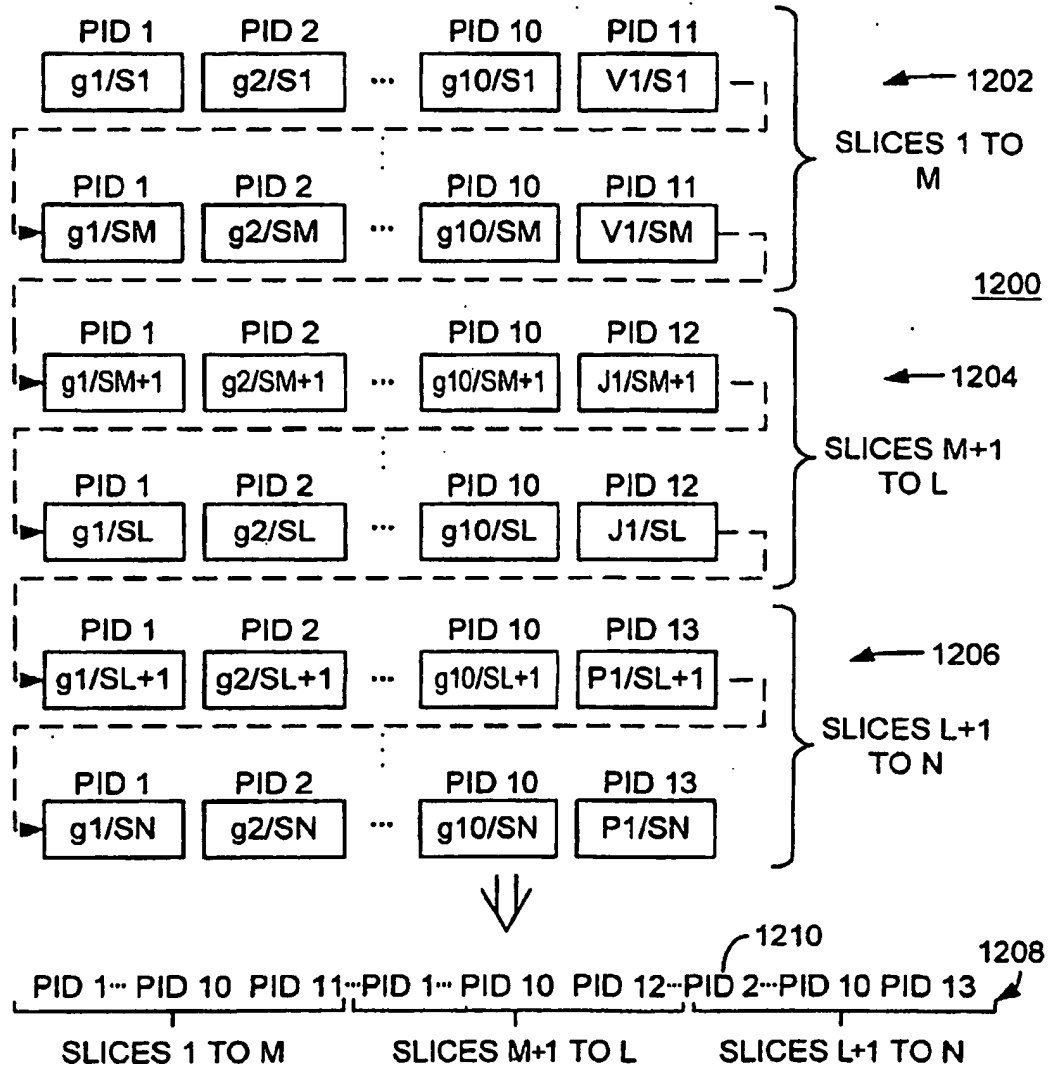


FIG. 12.

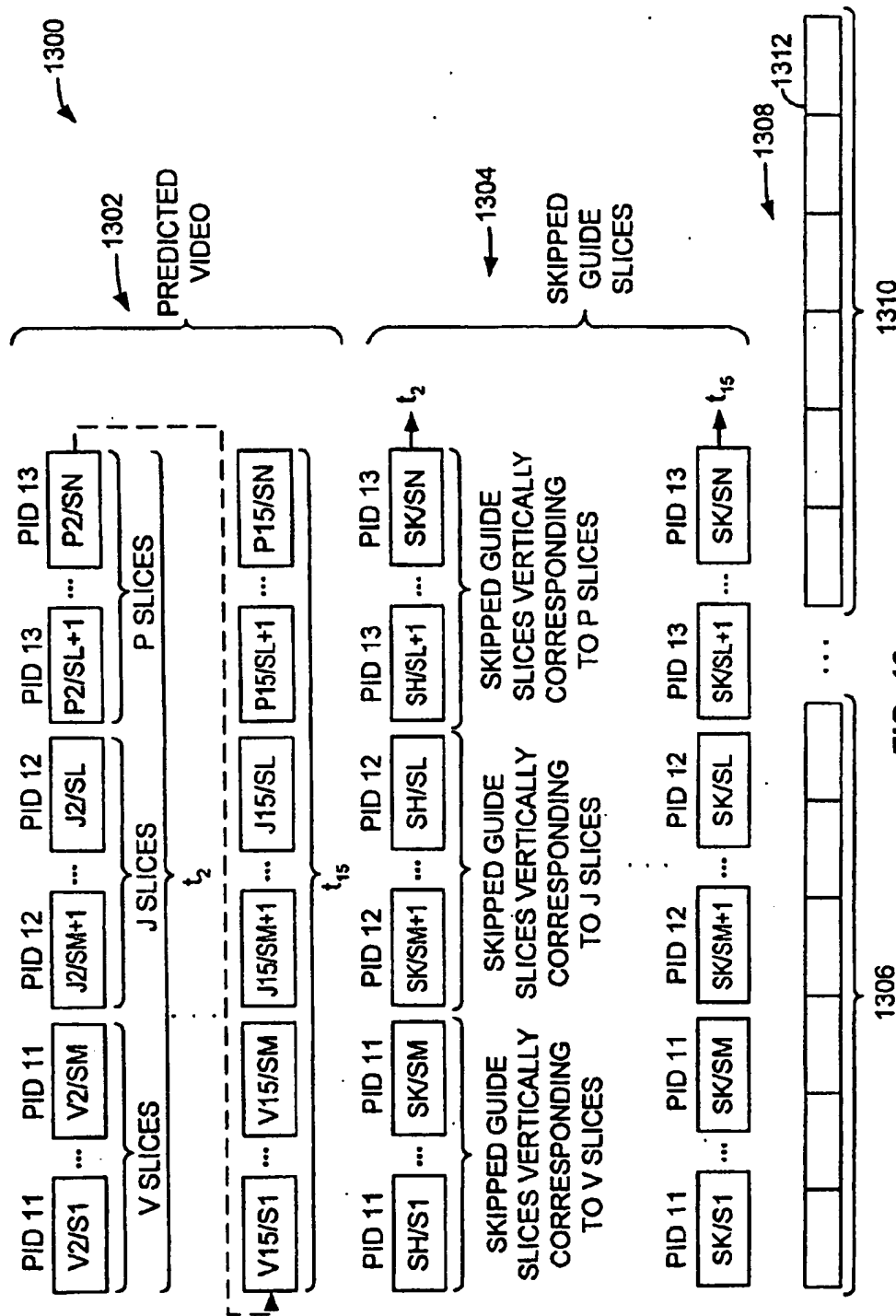
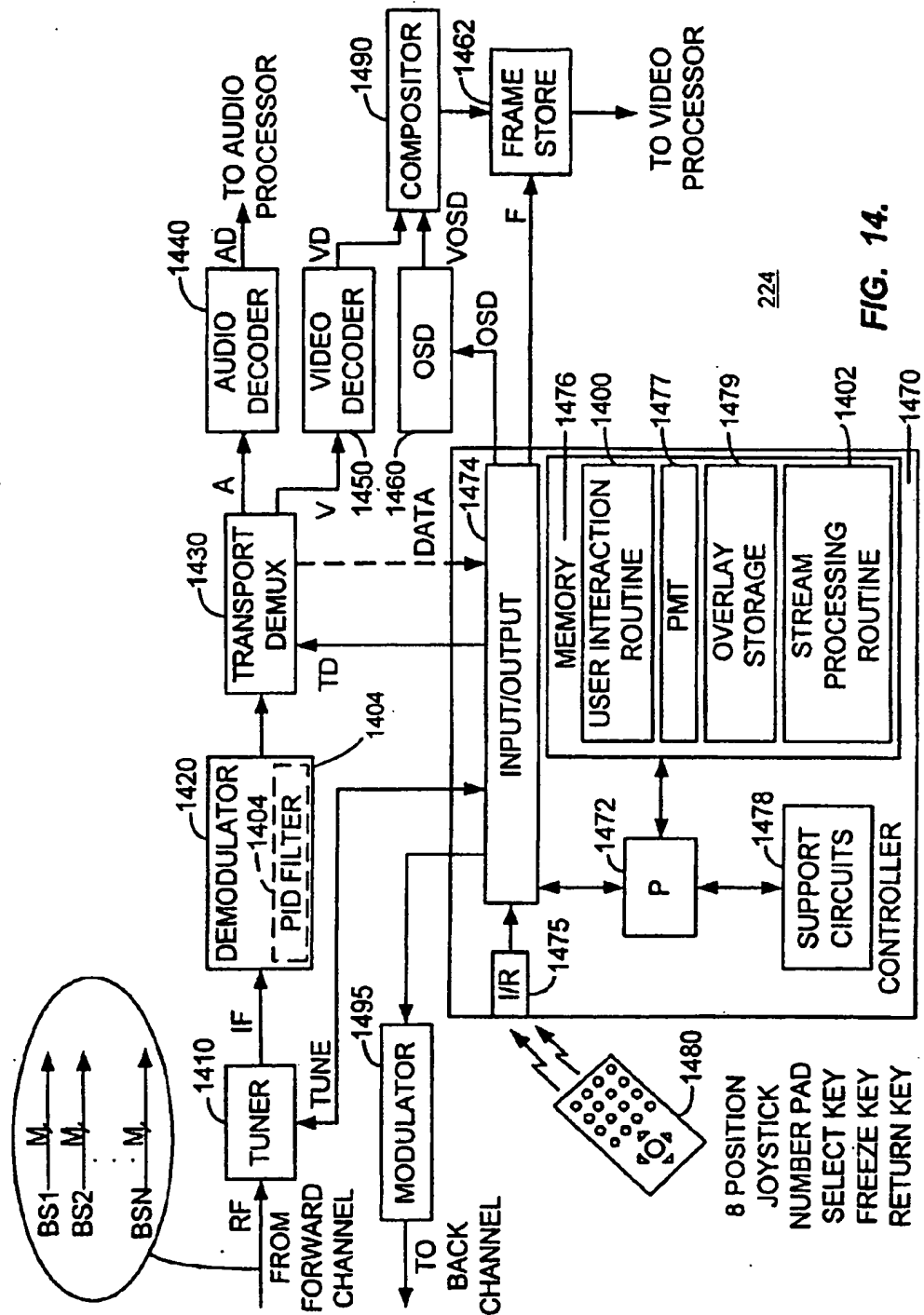


FIG. 13.



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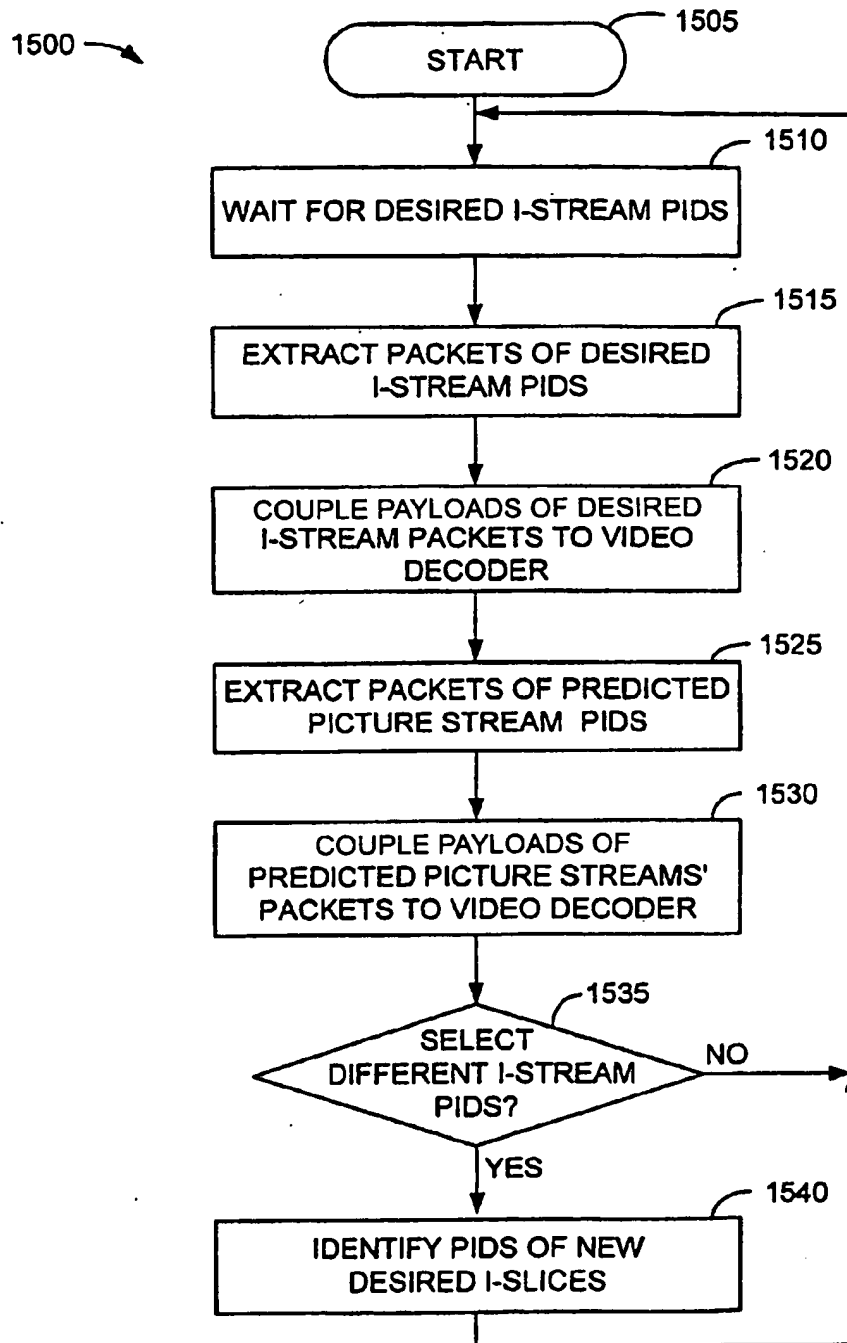


FIG. 15.



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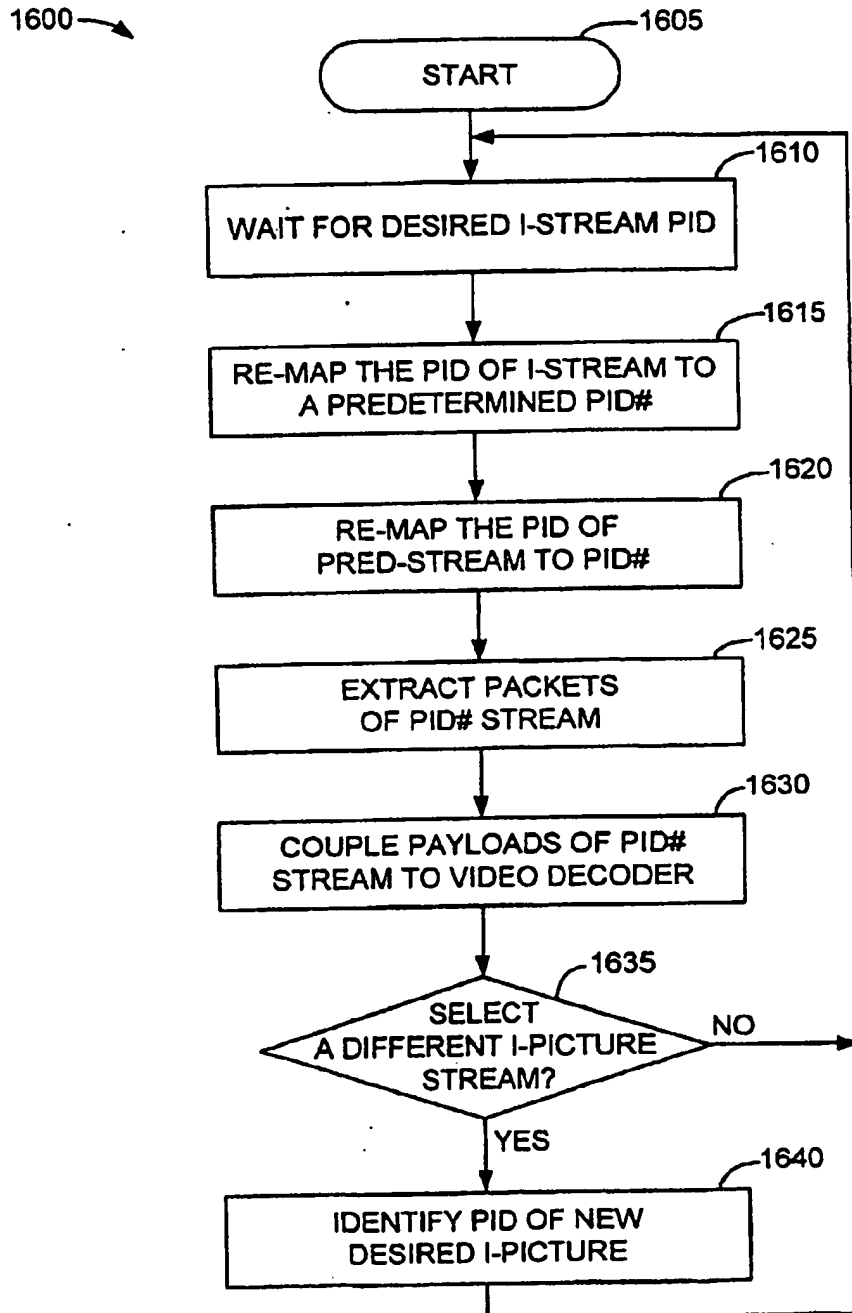


FIG. 16.



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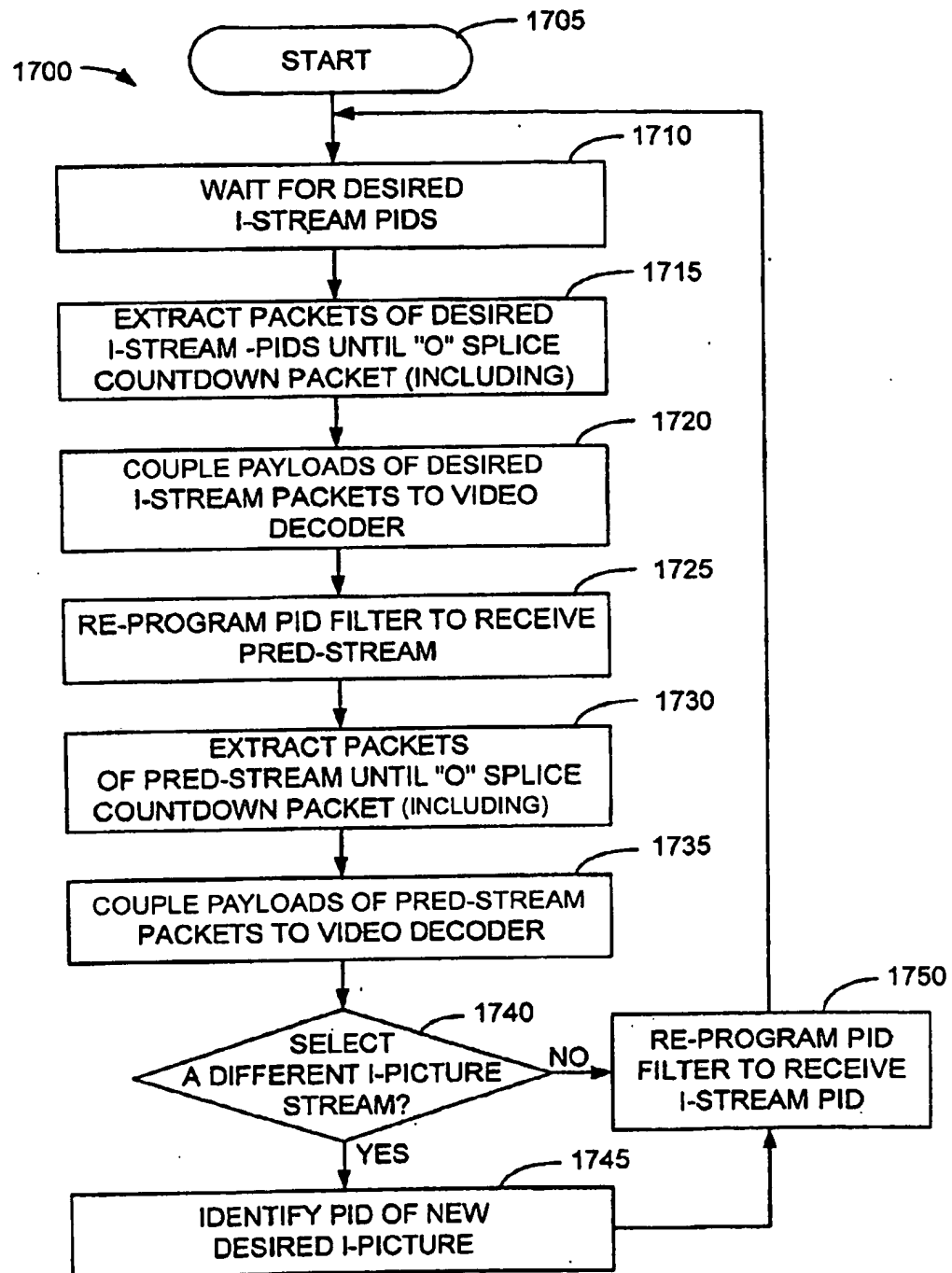


FIG. 17.



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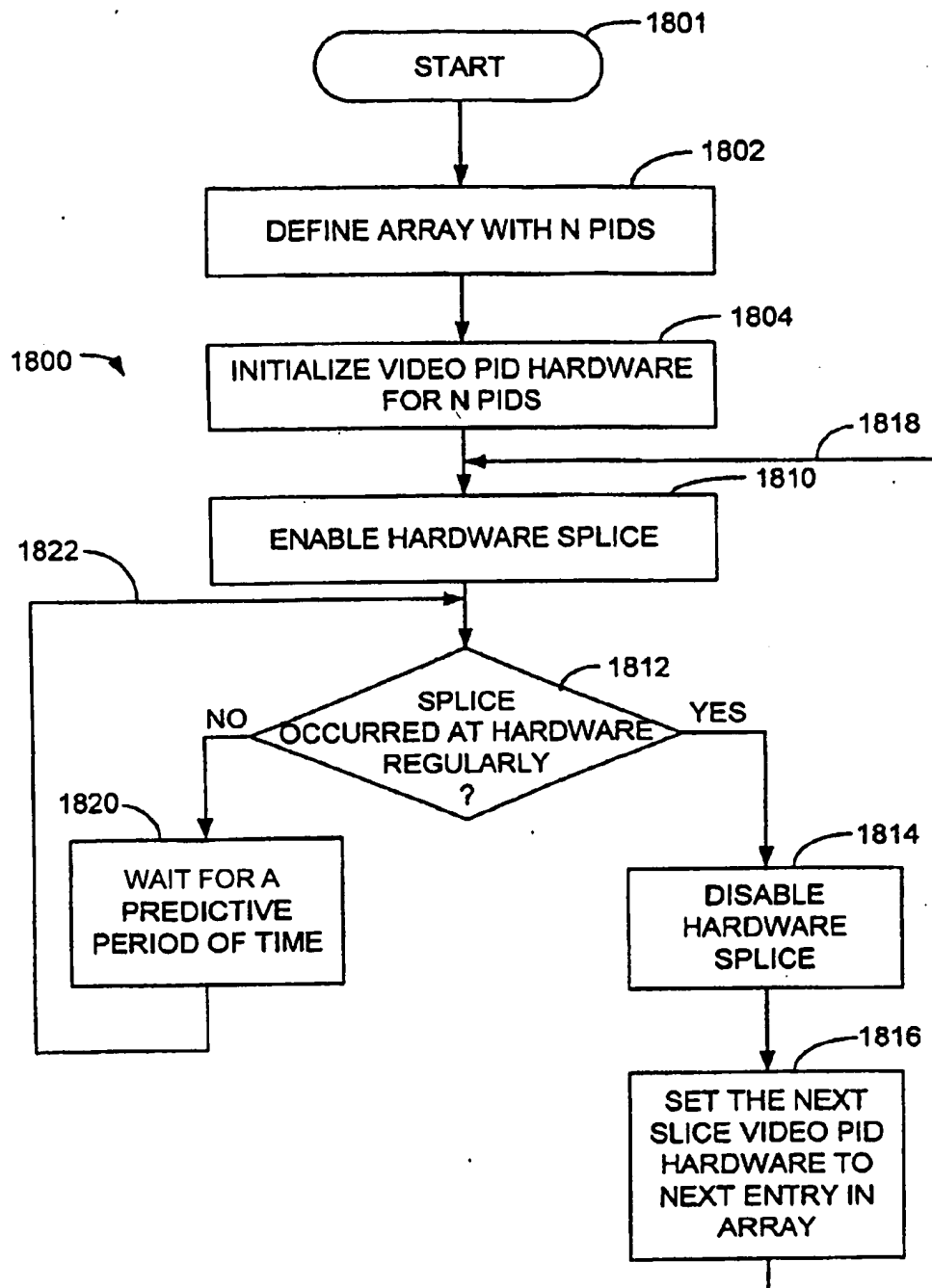


FIG. 18.

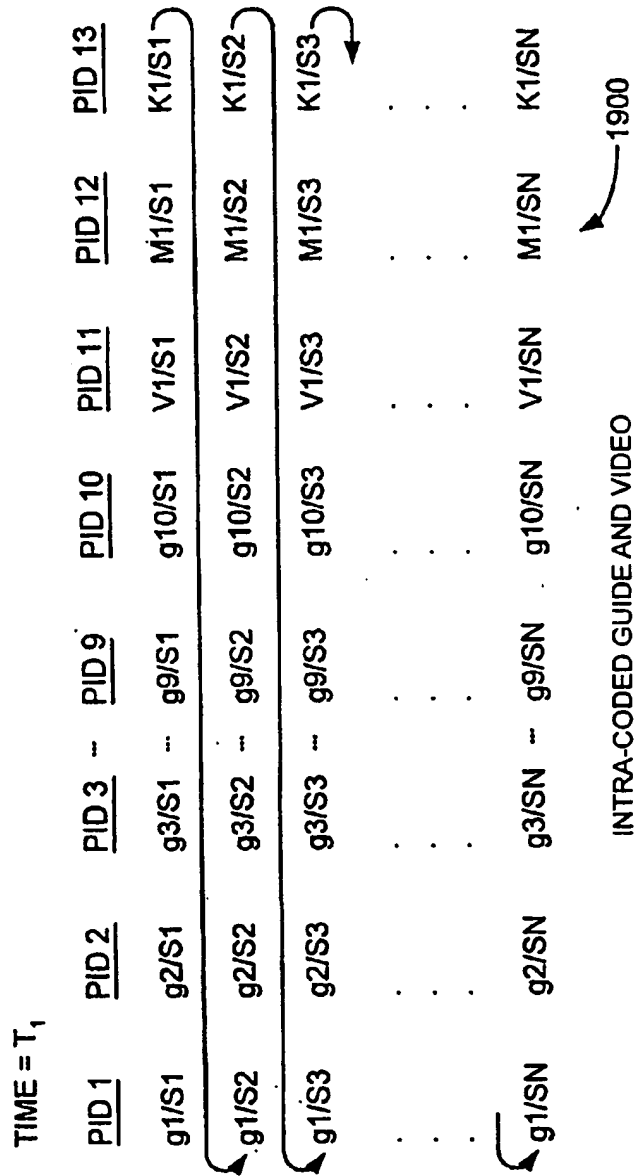


FIG. 19.



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<u>TIME</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u> ...	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>
t_2	V2/S1	M2/S1	K2/S1	V2/S2	M2/S2	K2/S2	V2/SN	M2/SN	K2/SN $\xleftarrow{2002}$
t_3	V3/S1	M3/S1	K3/S1	V3/S2	M3/S2	K3/S2	V3/SN	M3/SN	K3/SN $\xleftarrow{2003}$
t_4	V4/S1	M4/S1	K4/S1	V4/S2	M4/S2	K4/S2	V4/SN	M4/SN	K4/SN $\xleftarrow{2004}$
.
.
.
t_{15}	V15/S1	M15/S1	K15/S1	V15/S2	M15/S2	K15/S2	V15/SN	M15/SN	K15/SN $\xleftarrow{2015}$

PREDICTED VIDEO $\xleftarrow{2000}$

FIG. 20.



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TIME	PID 11	PID 12	PID 13	PID 11	PID 12	PID 13	PID 11	PID 12	PID 13
t_2	SK/S1	SK/S1	SK/S1	SK/S2	SK/S2	SK/S2 ...	SK/SN	SK/SN	SK/SN ←2102
t_3	SK/S1	SK/S1	SK/S1	SK/S2	SK/S2	SK/S2 ...	SK/SN	SK/SN	SK/SN ←2103
t_4	SK/S1	SK/S1	SK/S1	SK/S2	SK/S2	SK/S2 ...	SK/SN	SK/SN	SK/SN ←2104
.
.
.
t_{16}	SK/S1	SK/S1	SK/S1	SK/S2	SK/S2	SK/S2 ...	SK/SN	SK/SN	SK/SN ←210N

SKIPPED GUIDE
←2100

FIG. 21.

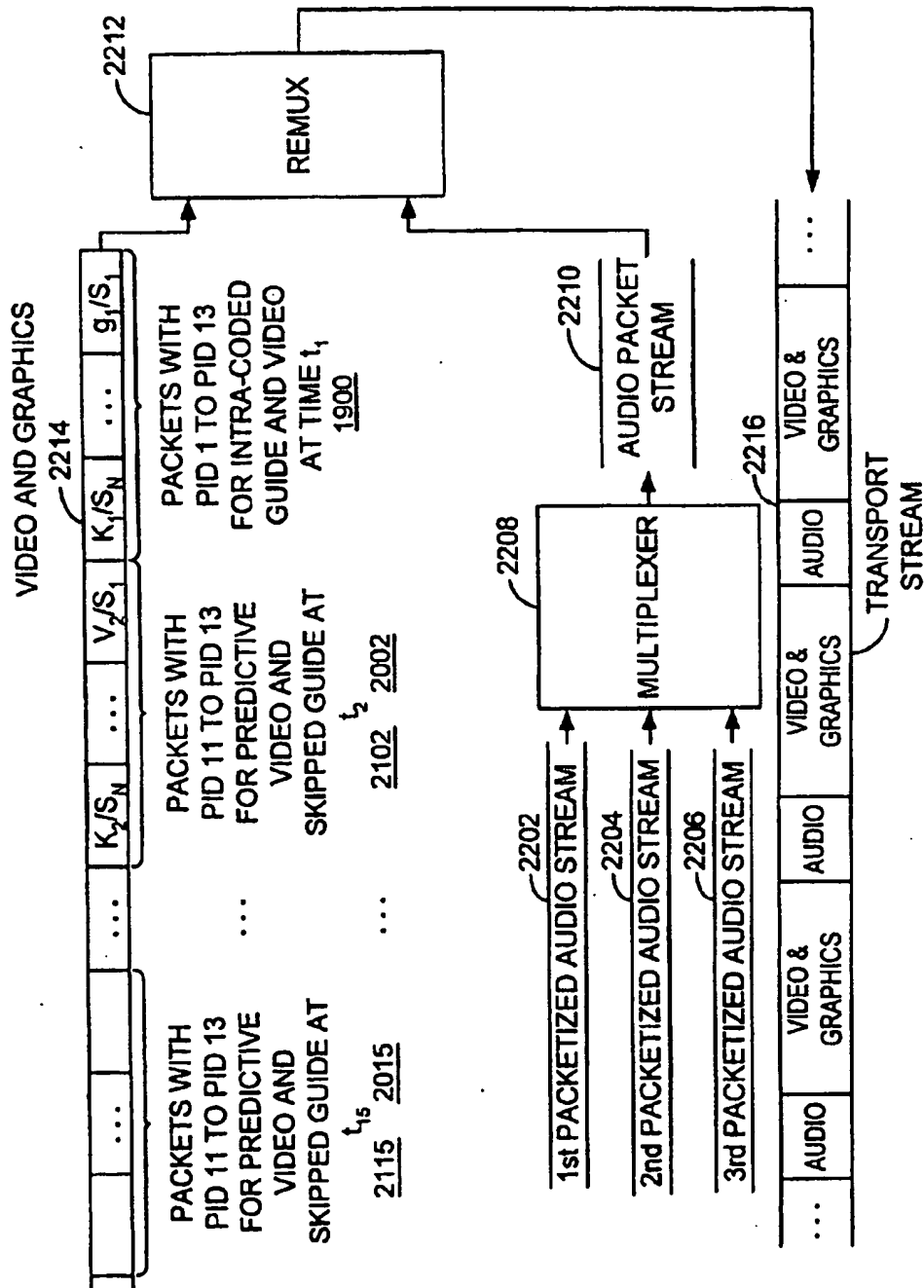


FIG. 22.

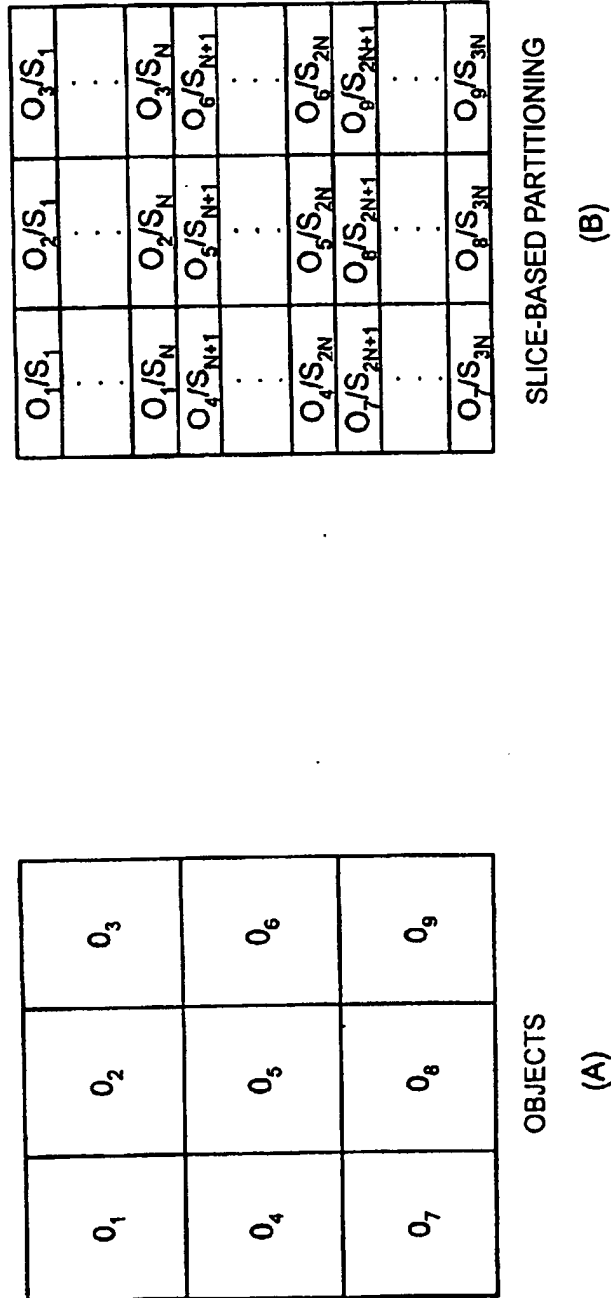


FIG. 23.



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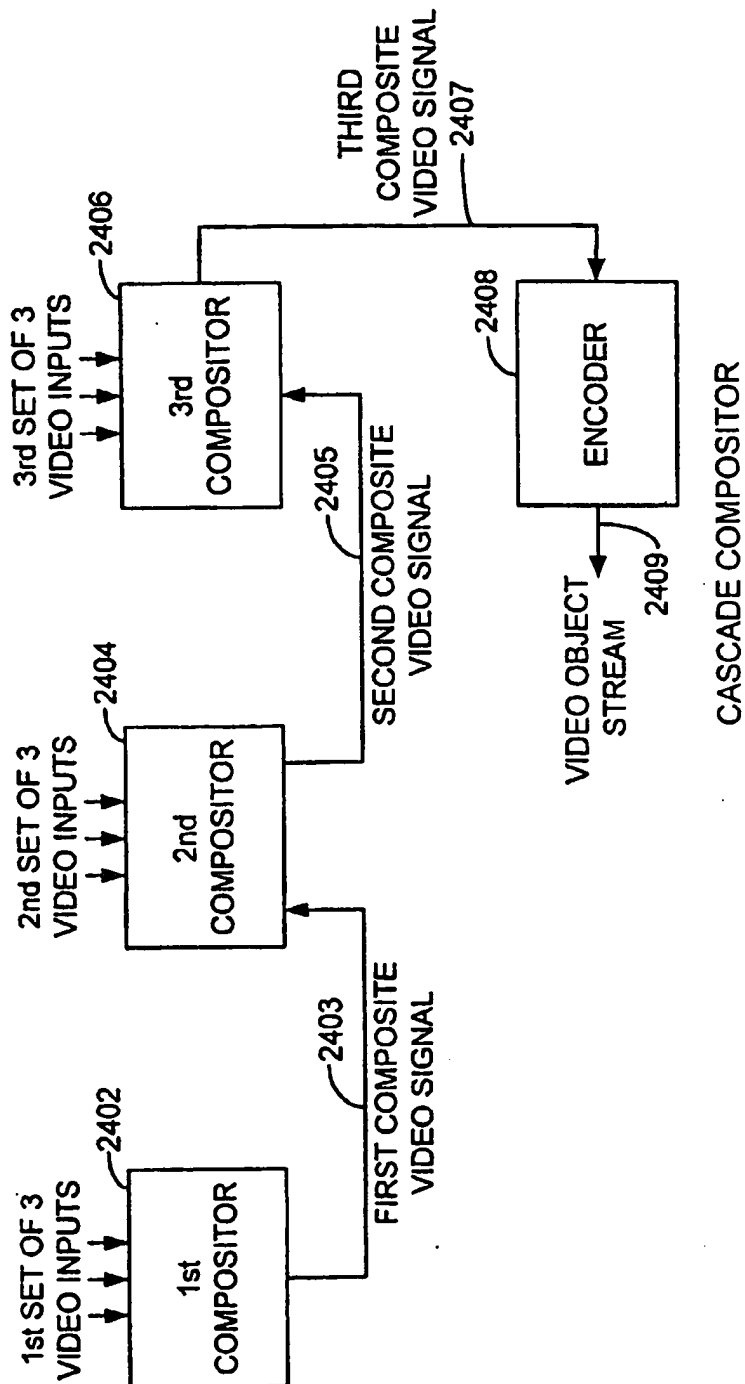
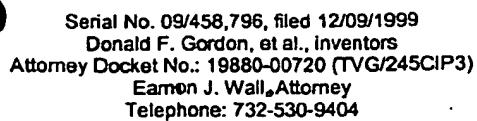


FIG. 24.



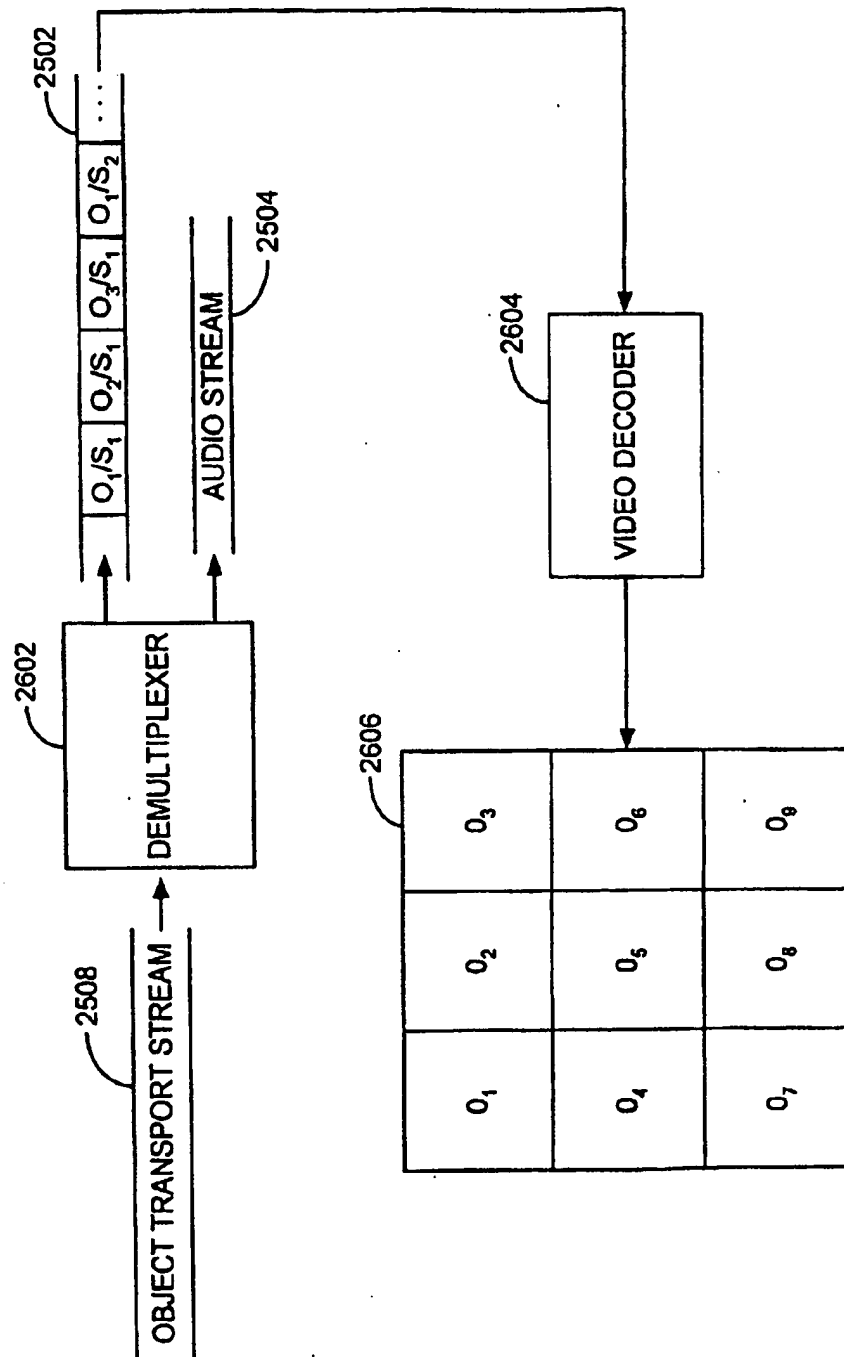


FIG. 26.



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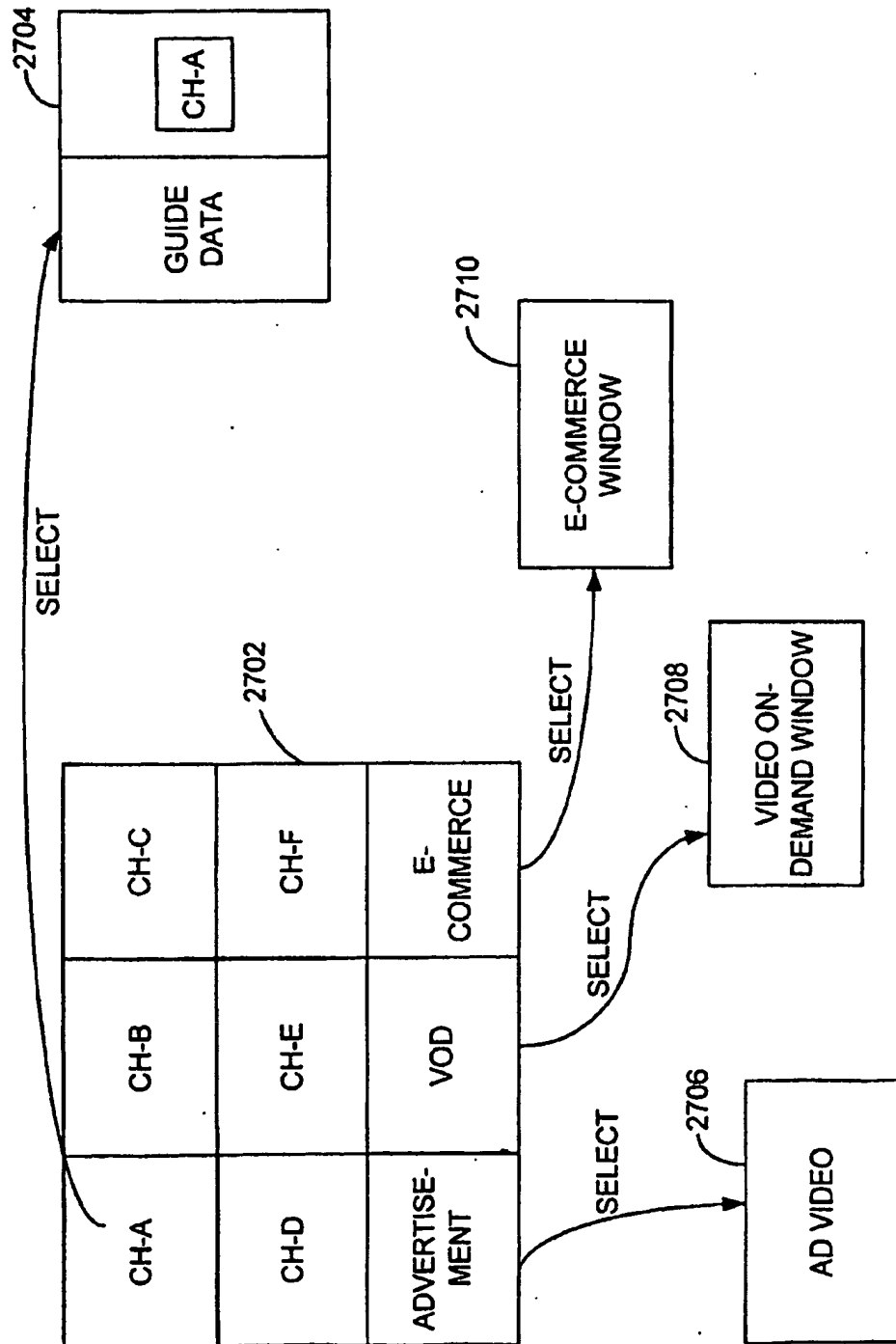


FIG. 27.



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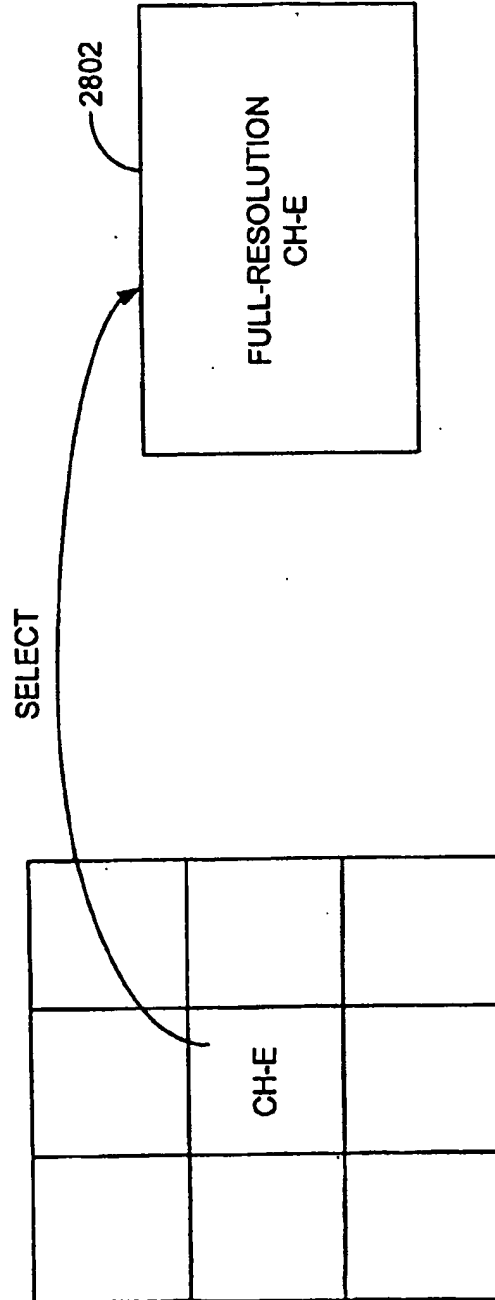


FIG. 28.



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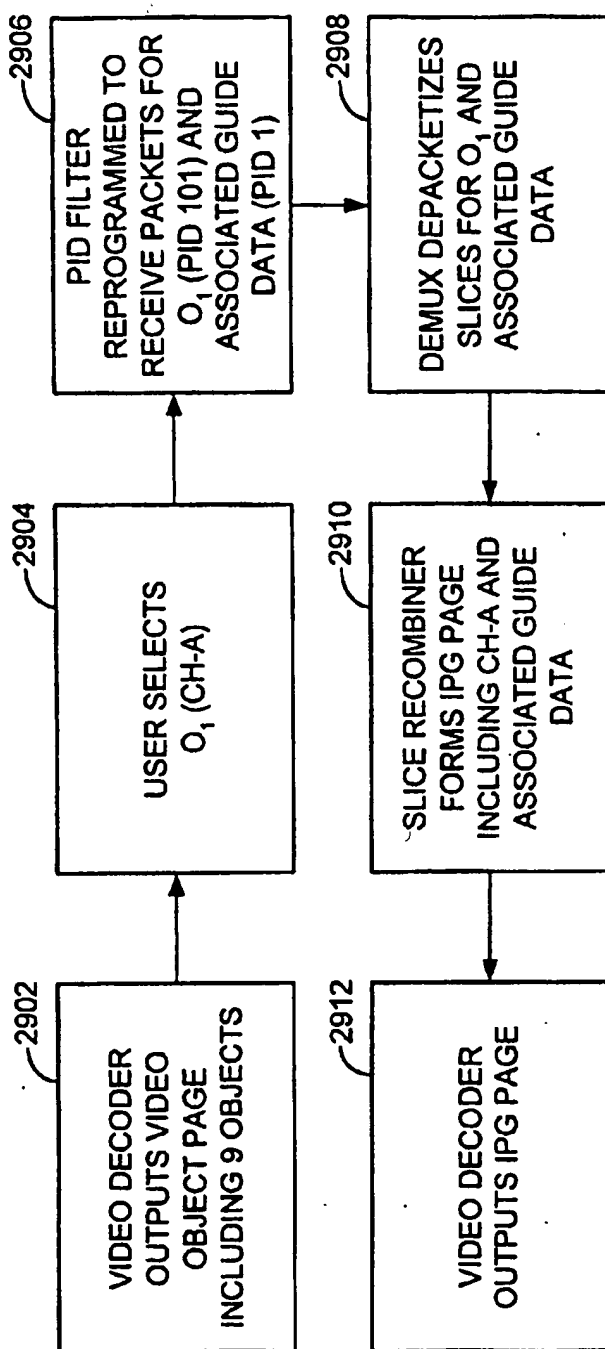


FIG. 29.



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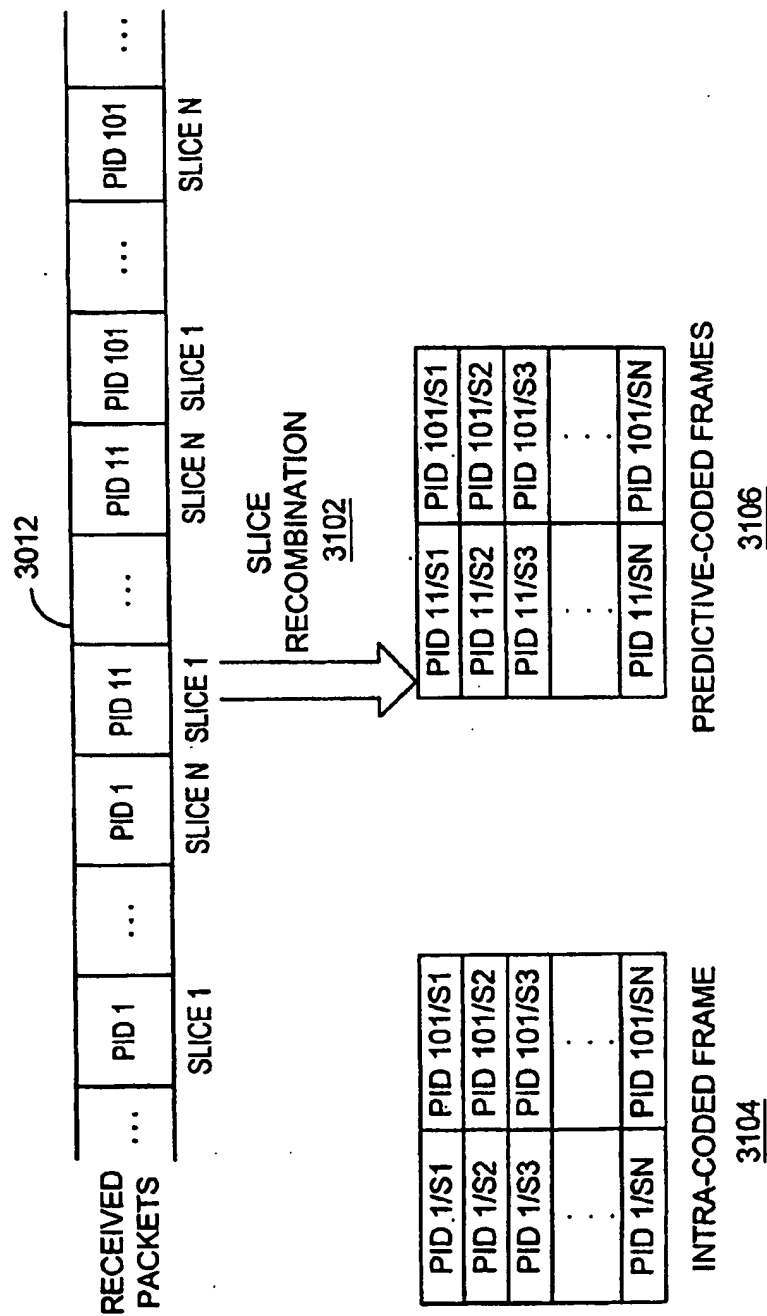


FIG. 31.



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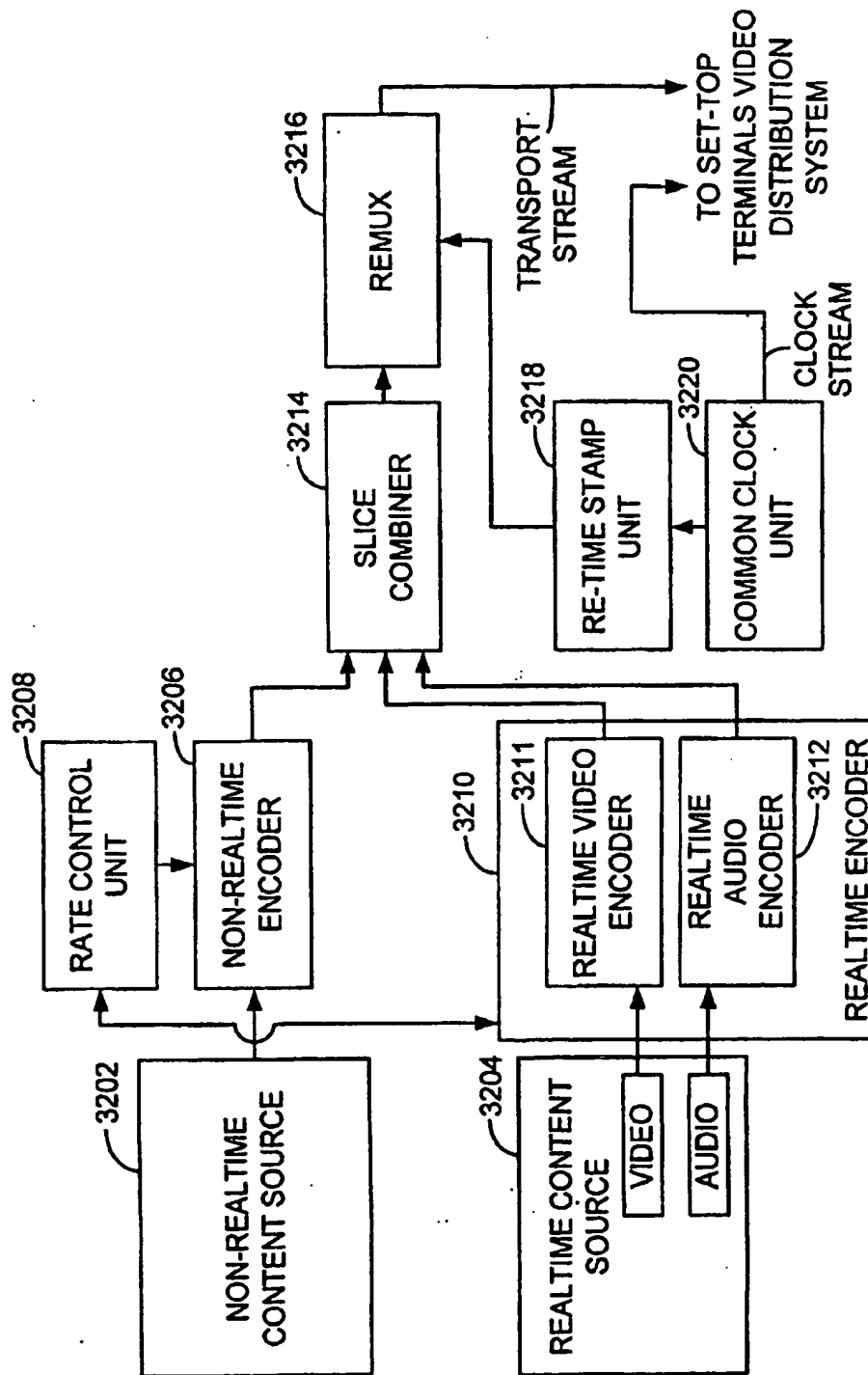


FIG. 32.

RE-TIMESTAMPING AND RATE CONTROL
APPARATUS